

RENESAS TECHNICAL UPDATE

1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 Japan
Renesas Electronics Corporation

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|--------------------|--|---------|----------------------|--|------|------|
| Product Category | MPU/MCU | | Document No. | TN-RX*-A035B/E | Rev. | 2.00 |
| Title | Note on the Transmit Enable (TE) Bit in the Serial Communications Interface (SCI) of RX210 Group | | Information Category | Technical Notification | | |
| Applicable Product | RX210 Group | Lot No. | Reference Document | RX210 Group User's Manual: Hardware Rev.1.50 (R01UH0037EJ0150) | | |
| | | All | | | | |

1. Note

When setting the SCR.TE bit to 0 (serial transmission is disabled) while the pin function is "TXDn" (n = 0 to 12), output of the pin becomes high impedance.

2. Measure

Prevent the TXDn line from becoming high impedance by any of the following ways:

- (1) Connect a pull-up resistor to the TXDn line.
- (2) Change the pin function to "general-purpose I/O port, output" before setting the SCR.TE bit to 0.

Set the SCR.TE bit to 1 before changing the pin function to "TXDn".

Note that a TXI interrupt request is generated when both bits SCR.TE and SCR.TIE become 1.

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